Docket No.: ULI-001
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Rudolf Faust *et al.*

Application No.: 10/776681 Confirmation No.: 3827

Filed: February 11, 2004 Art Unit: 1713

For: END-CAPPED POLYMER CHAINS AND PRODUCTS THEREOF Examiner: Choi, Ling Siu

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicants would also like to draw the Examiners attention to the following applications:

Application No.	*Inventor*	*Filing Date*
10/776,674	Faust, *et al.*	02-11-2004
10/902,280	Faust, *et al.*	07-29-2004
10/872,134	Faust, *et al.*	06-18-2004

This Information Disclosure Statement is filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Copies of references A24-E20 listed on the attached PTO/SB/08 are attached hereto.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 12-0080 in the amount of $180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. ULI-001.

Dated: August 9, 2005

Respectfully submitted,

By _____

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Sheet 1 of 5

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Examiner Name	Choi, Ling Siu
Attorney Docket Number	ULI-001

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-6,750,267	06-15-2004	Faust *et al.*	
	A2	US-6,469,115	10-22-2002	Faust *et al.*	
	A3	US-6,268,451	07-31-2001	Faust *et al.*	
	A4	US-6,194,597	02-27-2001	Faust *et al.*	
	A5	US-6,051,657	04-18-2000	Faust *et al.*	
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	A12	US-5,677,386	10-14-1997	Faust	
	A13	US-5,665,837	09-09-1997	Faust *et al.*	
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	A22	US-4,182,818	01-08-1980	Tung *et al.*	
	A23	US-4,129,557	12-12-1978	Kudo *et al.*	

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	A24	WO 05/012373	02-10-2005	Scimed Life Systems, Inc.		
	A25	WO 04/113400	12-29-2004	Scimed Life Systems, Inc.		
	A26	WO 03/011596	02-13-2003	BASF Drucksysteme Gmbh		
	A27	WO 02/28924	04-11-2002	Dow Corning Corp *et al.*		
	A28	WO 01/87999	11-22-2001	Dow Corning Corp *et al.*		
	A29	WO 00/63256	10-26-2000	Dow Corning Corp *et al.*		
	A30	WO 00/32654	06-08-2000	Dow Corning Corp *et al.*		
	A31	WO 00/32609	06-08-2000	Dow Corning Corp *et al.*		
	A32	EP 0 931 581	07-28-1999	Ebara Corporation		
	A33	WO 99/24480	05-20-1999	Dow Corning Corp *et al.*		
	A34	WO 99/09074	02-25-1999	Infineum Holdings B.V.		
	A35	JP 11176750 abstract	07-02-1999	International Business Machines Coporation		
	A36	EP 0 877 294	11-11-1998	Nippon Zeon Co., Ltd.		
	A37	WO 95/17436	06-29-1995	University of Massachusetts Lowell		

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	B1	WO 93/02110	02-04-1993	Exxon Chemical Patents, Inc. *et al.*		
	B2	EP 0 379 250 A	07-25-1990	Stamicarbon B.V.		
	B3	JP 63049228 abstract	03-02-1988	Ebara Res. Co. Ltd.		
	B4	EP 0 024 120	02-25-1981	Sumitomo Chemical Co. Ltd.		
	B5	JP 50092877	07-24-1975	Maruzen Oil Co. Ltd.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	B6	ALLEN, RD, *et al.* Preparation of High Purity, Anionic Polymerization Grade Alkyl Methacrylate Monomers. *Polymer Bull.*, 1986, 15:127-34.	
	B7	ASTHANA, A, *et al.* Star-block Polymers of Multiple Polystyrene-b-polyisobutylene Arms Radiating from a Polydivinylbenzene Core. *J. Polymer. Sci. Part A: Polym. Chem.*, 1999, 37:2235-43.	
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	B9	BAE, YC, *et al.* Halogen-free Polyiosbutylene by in situ Methylation of Living Polyisobutylene Using Dimethyl Zinc. *Polymer Bull.*, 2000, 44:453-59.	
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Examiner Signature		Date Considered	

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	C1	FELDTHUSEN, J, *et al.* Stable Carbanions by Quantitative Metalation on Cationically Obtained Diphenylvinyl and Diphenylmethoxy Compounds: New Initiators for Living Anionic Polymerizations. *Macromolecules*, 1997, 30 :6989-93.	
	C2	FISHBEIN, L, *et al.* The Relationship of Structure to Some Physical and Mechanical Properties of Poly (vinyl alkyl ethers). *Makromol Chem.*, 1961, 48:221-28.	
	C3	FODOR, Z, *et al.* Polyisobutylene-based Thermoplastic Elastomers. II. Synthesis and Characterization of Poly(*p*-methylstyrene-*block*-isobutylene-block-*p*-methylstyrene) Triblock Copolymers. *J. Macromol. Sci., Pure Appl. Chem.*, 1995, A32(3):575-91.	
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	C6	GYOR, M; *et al.* Polyisobutylene-based Thermoplastic Elastomers. I. Synthesis and Characterization of Polystyrene-Polyisobutylene-Polystyrene Triblock Copolymers. *J. Macromol Sci.*, 1994, A31(12):2055-65.	
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	C10	HADJIKYRIACOU, S, *et al.* Amphiphilic Block Copolymers by Sequential Living Cationic Polymerization: Synthesis and Characterization of Poly(isobutylene-*b*-methyl vinyl ether) *Macromolecules*, 1996, 29:5261-67.	
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	D1	KASZAS, G, *et al.* Quasiliving Carbocationic Polymerization. XII. Forced Ideal Copolymerization of Isobutylene with Styrene. *J. Macromol. Sci.-Chem.*, 1982-3, A18(9):1367-82.	
	D2	KASZAS, G, *et al.* Polyisobutylene-containing Block Polymers by Sequential Monomer Addition. II. Polystyrene-Polyisobutylene-Polystyrene Triblock Polymers: Synthesis, Characterization, and Physical Properties. *J. Polym. Sci., Polym. Chem. Ed.*, 1991, A29(1):427-35.	
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	D17	PASCH, H. Liquid Chromatography at the Critical Point of Adsorption – A New Technique for Polymer Characterization. *Macromol. Symp.,* 1996, 110:107-20.	

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	E1	PASCH, H, *et al.* Chromatographic Investigations of Molecules in the Critical Range of Liquid Chromatography. 4. Analysis of Poly(styrene-*b*-methyl methacrylate). *Polymer*, 1993, 34(19):4100-04.	
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	E14	SCHLAAD, H, *et al.* Kinetic Studies on the Capping Reaction of Living Polyisobutylene with 1,1-diphenylethylene. 1. Effect of Temperature and Comparison to the Model Compound 2-chloro-2,4,4-trimethylpentane. *Macromolecules,* 1998, 31:8058-62.	
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	E18	STOREY, RF, *et al.* Aspects of the Synthesis of Poly(styrene-*b*-isobutylene-*b*-styrene) Block Copolymers Using Living Carbocationic Polymerization. *Macromolecules,* 1993, 26:6727-33.	
	E19	TSUNOGAE, Y, *et al.* Polyisobutylene-containing Block Polymers by Sequential Monomer Addition. X. Synthesis of Poly(*α*-methylstyrene-*b*-isobutylene-*b*-*α*-methylstyrene) Thermoplastic Elastomers. *J. Polym. Sci., Polym. Chem. Ed.* 1994, A32:403-12.	
	E20	ZHOU, Y, et al. Synthesis of poly(isobutylene-b-tert-butyl vinyl ether) and poly(isobutylene-b-tert-butyldimethylsilyl vinyl ether) dublock copolymers. Polymer Preprints, 2003, 44(2): 661-2.	

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